

**31558. ANANAS sp.****Ivirá.**

From Paraguay. Presented by Mr. Thomas R. Gwynn, Capilla Horqueta, Departamento de V. Concepcion, Paraguay. Received August 1, 1911.

"I do not know about this being superior to anything in the United States, but I do know if you eat two or three of the crude fruits blood flows from the lips and the teeth are set on edge. Only those can understand who have eaten green apples or sour cherries. The fruit has just the same taste as the cultivated pineapple, is also the same shape, but very small.

"The blade is narrower and the thorns shorter. The leaf is used for its fiber, producing ropes and clothing. Indeed, it is of great value.

"It is a running plant, growing from the roots, piercing in its course almost any obstruction. It is produced from the root or else from the plants formed on top of the fruit, just exactly as the pineapple." (*Gwynn.*)

Seeds.

**31559. STIPA TENACISSIMA Jusl.****Esparto.**

From Paris, France. Purchased from Vilmorin-Andrieux & Co. Received August 10, 1911.

*Distribution.*—On the plains of the central and southern parts of Spain.

Procured for Mr. Charles J. Brand's experiments with plants for paper stock.

**31560. ZEA MAYS L.****Corn.**

From Buenos Aires, Argentina. Presented by Mr. Joseph E. Wing, of the United States Tariff Board. Received July 26, 1911.

"I bought this Argentine maize in Buenos Aires. It may be quite useful in our country in regions like western Nebraska or Colorado, since it matures here in a climate that will not mature our maize, owing to cold nights and drought." (*Wing.*)

**31561 and 31562. LYCOPERSICON spp.****Tomato.**

From Peru. Presented by Dr. A. Weberbauer, German Legation, Lima, Peru. Received August 1, 1911.

Seeds of the following; quoted notes by Dr. Weberbauer:

**31561.** "Plant small, half a meter [20 in.] high, a half shrub with yellow flowers. Fruit as large as that of *Sorbus aucuparia*. Found above Lomas Harbor, at 1,000 to 1,100 meters [3,300 to 3,600 ft.]. Grows in a hot, almost rainless, entirely frost-free region in the dry bed of a stream which sometimes receives water from the rain falling in the higher mountains."

**31562.** "A climbing shrub 3 meters [9½ ft.] high, with yellow flowers. Fruit as large as that of *Amygdalus persica*; green. Grows in a lateral valley of the river Apurimac in the vicinity of Andahuaylas, at about 2,600 meters [8,500 ft.]. Climate warm, generally frost free. From November to April it rains freely; from May to October there is almost none. The plants, however, grow always on the banks; they live likewise on soils constantly moist, but not swampy."

**31563 to 31567. NICOTIANA TABACUM L.****Tobacco.**

From Mexico. Presented by Mr. George Young, secretary, Cananea Consolidated Copper Co., Cananea, Sonora, Mexico, who procured them from Juan Esteva & Son, Alvarado, Vera Cruz, Mexico. Received August 2, 1911.

Seeds of the following; quoted notes by Esteva & Son:

**31563.** "*Tabaco de Monte.*"